

DOCKET NO. MUR-043-USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: K. Mori, et al.

Serial No.: 10/510,694

Art Unit: **3763**

Filed: October 8, 2004

Examiner: To Be Assigned

For: Insulin-Administering Device

REQUEST FOR CORRECTED FILING RECEIPT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants' counsel is in receipt of the PTO Filing Receipt for the above identified pending patent application, a copy of which is attached hereto. Upon verifying the accuracy of the data presented on the Filing Receipt it was noted that there are errors in the title for this invention which were introduced by the Patent Office. As evidenced by the attached copy of the Transmittal, Declaration and Power of Attorney, and first page of the original specification which contains the title, the title should be "Insulin-Administering Device" rather than "Insulin Administration Apparatus" written on the Filing Receipt.

It is respectfully requested that the Patent Office records be corrected to reflect the correct title and that the undersigned be provided with a corrected Filing Receipt.

Respectfully submitted,

TOWNSEND & BANTA

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Donald E. Townsend, Jr.

Reg. No. 43,198

Date: May 27, 2005

Customer No. 27955

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CERTIFICATE OF MAILING

I hereby certify that this Request for Corrected Filing Receipt in Docket No. MUR-043-USA-PCT, Serial No. 10/510,694 filed October 8, 2004, was deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

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On May 27, 2005.

Donald E. Townsend, Jr.

Dorwell E. Townsend, 51.



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UNITED STATES DEPARTMENT OF COMME United States Patent and Trademar Address: COMMISSIONER FOR PATENTS PO. Box 1450 Alsumhis, Viginia 22313-1450 www.usptu.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/510,694	10/08/2004	3763	1038	MUR-043-USA-PCT	8	20	4

27955 **TOWNSEND & BANTA** c/o PORTFOLIO IP PO BOX 52050 MINNEAPOLIS, MN 55402 1/08/05 - 105

CONFIRMATION NO. 4087

FILING RECEIPT *OC000000015670734*

Date Mailed: 04/12/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Kenji Mori, Ibaraki, JAPAN; Naruhito Higo, Ibaraki, JAPAN; Seiji Tokumoto, Ibaraki, JAPAN; Shuji Sato, Kanagawa, JAPAN; Kenji Sugibayashi, Saitama, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 27955.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/03992 03/28/2003

Foreign Applications

JAPAN 2002-105796 04/08/2002

Projected Publication Date: 07/14/2005

Non-Publication Request: No

Early Publication Request: No

Title

Insulin administration apparatus

Preliminary Class

604

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		ion of information unless it displays a valid OMB control number. ATTTORNEY'S DOCKET NUMBER
TRANSMITTAL LETTER TO	THE UNITED STATES	MUR-043-USA-PCT
DESIGNATED/ELECTED	OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known, see 37 CFR 1.5)
CONCERNING A SUBMISSIO	INTERNATIONAL FILING DATE	PRIORITY DATE CLAIMED
INTERNATIONAL APPLICATION NO. PCT/JP03/03992	March 28, 2003	April 8, 2002
TITLE OF INVENTION INSULIN-AI	DMINISTERING DEVICE	
APPLICANT(S) FOR DO/EO/US Kenji Shuji Sato, Kenji Sug	Mori, Naruhito Higo ibayashi	, Seiji Tokumoto,
Applicant herewith submits to the United Sta	ates Designated/Elected Office (DO/EC	O/US) the following items and other information:
	nncerning a submission under 35 U.S.C. 37	1
•	submission of items concerning a submissio	
3. X This is an express request to begin nat (5), (6), (9) and (21) indicated below.	ional examination procedures (35 U.S.C. 37	(1(f)). The submission must include items
4. X The US has been elected (Article 31).		
5. X A copy of the International Applicatio	n as filed (35 U.S.C. 371(c)(2))	
a. is attached hereto (required	d only if not communicated by the Internatio	nal Bureau).
b. X has been communicated b		
1	ication was filed in the United States Received	
6. X An English language translation of the	ne International Application as filed (35 U.S.	C. 371(c)(2)).
a. X is attached hereto.		
1 .	itted under 35 U.S.C. 154(d)(4).	
<u></u>	ernational Application under PCT Article 19	
` _	uired only if not communicated by the Intern	ational Bureau).
	d by the International Bureau.	
i ——	wever, the time limit for making such amend	ments has NOT expired.
d. A have not been made and		
	the amendments to the claims under PCT A	inticle 19 (35 U.S.C. 371(C)(3)).
9. X An oath or declaration of the invento		
An English language translation of t Article 36 (35 U.S.C. 371(c)(5)).	he annexes of the International Preliminary	Examination Report under PC1
Items 11 to 20 below concern document	(s) or information included:	
11. An Information Disclosure Statemen		
12. X An assignment document for record	ting. A separate cover sheet in compliance	with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.		
14. An Application Data Sheet under 3	7 CFR 1.76.	
15. A substitute specification.	•	
16. A power of attorney and/or change		·
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l e e e e e e e e e e e e e e e e e e e	emational Application under 35 U.S.C. 154(•
19. A second copy of the English langu	uage translation of the International Applicat	ion under 35 U.S.C. 154(d)(4).

Other items or information:

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce. P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Page 1 of 2

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As a below named inventor, I sext to my name; that I believe lirst and joint inventor (if plural	am the original, fir	st and sole inventor (if o	only one name is listed be	elow) or an original,
ought on the invention entitled:	INSULIN-	ADMINISTERI	VG DEVICE	
the specification of which is a a international (PCT) application of the international international international applications and international inter	etached and/or was and was a and was a and was a son No. PCT/JP03/039 wed and understand referred to above close information whitions, §1.56(a). The benefits under Title ow and have also ident the application on was application on was application.	s filed on	as A e)	including the claims, on in accordance with plication(s) for patent r inventor's certificate PRIORITY CLAIMED UNDER 35 U.S.C. 119 MYES CINO CIYES CINO
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I hereby appoint the following Office connected therewith: Law Registration VIEW 2009 and E Please address all correspondence South Building, Washington, I hereby declare that all states and belief are believed to be tru and the like so made are punis Code and that such willful false	offices of Townsend conald E. Townsend to the Law Offices of D.C. 20004 ments made herein of e; and further that the hable by fine or imp	l & Banta: Donald E. Tow d. Jr., Registration No. 4 Townsend & Banta, 601 my own knowledge are ese statements were made prisonment, or both, und	vinsend, Registration No. 2, 13,198 Pennsylvania Avenue, true and that all statements with the knowledge that er Section 1001 of Title 1	2,069; Acress 32 Banks, N.W. Suite 900, ts made on information willful false statement 18 of the United State
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FULL NAME OF SECOND JOINT INVENTOR HIGO, Naruhito		NOUNT.	CITIZENSHIP	Aug 17, 2004
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Listing of Inventors Continued on Page 2 hereof.

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SUGIBAYASHI, Kenji	Kan > 4916-201		Aug 23, 20	
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SPECIFICATION

INSULIN-ADMINISTERING DEVICE

Technical Field

The present invention relates to an insulin-administering device for percutaneously or transmucosally administering a lispro, using power of electric fields.

Background Art

Patients with diabetes are broadly classified into patients with type II diabetes, who can be treated with oral antidiabetics such as sulfonylurea, and patients with type I diabetes, who secrete no insulin. Since patients with type I diabetes secrete no insulin, they require administration of insulin. Even in the case of patients with type II diabetes, when it is difficult for them to control blood glucose, a therapeutic method for administering insulin is applied, as in the case of patients with type I diabetes. However, while insulin has high blood glucose-controlling effects, it is poor in absorptivity and stability. Thus, insulin cannot be orally administered. In addition, insulin has low sustainability. Under the current circumstances, insulin is administered by injection on a frequent basis from one to several times a day. However, such injection involves certain amount of pain. International Publication WO02/02179A1 describes an example of percutaneously

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